JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 226 (1987)

AUTHOR INDEX

Anson, F.C. 211

Barker, G.C. 171
Baumane, L. 103
Bilewicz, R. 27
Borkowska, Z. 283, 295
Branica, M. 239, 253
Buess-Herman, C. 267

Che, C.-M. 211
Chodkowski, J. 129

Daghetti, A. 341
Duburs, G. 103

Fijałek, Z. 129

Galus, Z. 305, 315
Gavars, R. 103
Gierst, L. 267
Głód, B.K. 227
Gonze, M. 267
Grassi, R. 341
Gui, Y. 199

Hauser, V. 193
Heyrovský, M. 117
Hulanicki, A. 147

Iannelli, A. 351

Jarząbek, G. 295
Jedral, W. 147
Jelínek, R. 193

Kadysh, V. 103
Kalinowski, M.K. 61
Karpiński, Z.J. 331
Kawiak, J. 305
Kemula, W. 227
Komorsky-Lovrić, S. 253
Koryta, J. 21
Kozlowski, J. 69
Kublik, Z. 331
Kulesza, P.J. 305
Kuwana, T. 199
Kwiatek, B. 61

Lipkowski, J. 351
Love, B. 351
Lovrić, M. 239
Ługowska, M. 263

Mairanovskii, S.G. 51
Maksymiuk, K. 315

Ogle, J. 103
Osteryoung, J. 27

Panoch, M. 21
Piasecki, A.K. 137

Rubel, S. 263

Šerák, L. 193
Seto, K. 351
Silva, F. 267
Stafiej, J. 283
Stradins, J. 103
Strojek, J.W. 157
Stroka, J. 315
Stryjewska, E. 263
Szulbiński, W. 157

Taraszewska, J. 137
Trasatti, S. 341

Valent, O. 21

Warowna, M. 129
Wong, K.-Y. 211

Żak, J. 157
Zuman, P. 69

JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 226 (1987)

SUBJECT INDEX

Acetonitrile,
electrochemical behavior of the Eu(III/II)–EDTA system on a mercury electrode in water + dimethylsulphoxide (DMSO), water + ——— (AN) and water + hexamethylphosphortriamide (HMPT) mixtures (Maksymiuk et al.) 315
Electroreduction of primary alkyl iodides in ——— (Bilewicz, Osteryoung) 27

Aldehydes,
polarographic reduction of ——— and ketones. Part XXX. Effect of acid–base, hydration–dehydration and keto–enol equilibria on reduction of α-ketoglutaric and oxalacetic acid and their esters (Kozlowski, Zuman) 69

Alkyl iodides,
electroreduction of primary ——— in acetonitrile (Bilewicz, Osteryoung) 27

Anodic stripping voltammetry,
trace metal speciation by ———. Part VII. Interaction of zinc with Cl^-, NO_3^-, I^-, SO_4^{2-} and OH^- (Komorsky-Lovrić, Branica) 253

2,2′-Bipyridyl
paths of the electroreduction of ——— (Heyrovský) 117

Cadmium,
voltammetric determination of Cu, ———, Hg, Pb and Zn in cereals (Ługowska et al.) 263

Cereals,
voltammetric determination of Cu, Cd, Hg, Pb and Zn in ——— (Ługowska et al.) 263

Chloronitrobenzenes,
inclusion complexes of isomeric ——— with α- and β-cyclodextrins studied by polarography. Analysis of the possibilities of the method (Taraszewska, Piasecki) 137

Cobalt,
effect of ——— ions on the catalytic hydrogen evolution at a mercury electrode (Review) (Mairanovskii) 51

Condensation,
on the two modes of ——— displayed by thiourea at the mercury–water interface (Buess-Herman et al.) 267

Copper,
voltammetric determination of ———, Cd, Hg, Pb and Zn in cereals (Ługowska et al.) 263

Cyclodextrins,
inclusion complexes of isomeric chloronitrobenzenes with α- and β-——— studied by polarography. Analysis of the possibilities of the method (Taraszewska, Piasecki) 137

Cytochrome *c*,
electrochemistry and spectroelectrochemistry of ——— at a platinum electrode (Gui, Kuwana) 199

Dihydropyridine derivatives,
electrochemical oxidation of *N*-substituted 1,4- and 1,2-———. Studies using the rotating ring–disk electrode and ESR (Stradins et al.) 103

Dimethylformamide,
electrochemical reduction of substituted nitrobenzenes in *N,N*-——— containing proton donating agents. Effect of the double layer on the basicity of the nitro group (Kwiatek, Kalinowski) 61
Electrochemical behavior of the Eu(III/II)–EDTA system on a mercury electrode in water + ——— (DMSO), water + acetonitrile (AN) and water + hexamethylphosphortriamide (HMPT) mixtures (Maksymiuk et al.) 315
Electrochemical study of the polycrystalline gold electrode in ——— (Jarząbek, Borkowska) 295
Solvent structure at the mercury/solution in-

terface in ——— (Borkowska, Stafiej) 283
Dioxoruthenium(VI) complex,
effects of electrode surface pretreatments on the electrochemistry of a macrocyclic——— (Che et al.) 211
Double layer,
application of the Gouy–Chapman–Stern–Grahame model of the electrical ——— to the determination of single ion activities of KF aqueous solutions (Grassi et al.) 341
Electrochemical reduction of substituted nitrobenzenes in *N*,*N*-dimethylformamide containing proton donating agents. Effects of ——— on the basicity of the nitro group (Kwiatek, Kalinowski) 61

Electrokinetic detector,
influence of the experimental conditions on the performance of the ——— (Głód, Kemula) 227
Electron capture,
photocurrents due to the capture of dry and hydrated electrons by nucleic acid molecules. A preliminary report (Barker) 171
Ethylenediaminetetraacetic acid,
electrochemical behavior of the Eu(III/II)–——— system on a mercury electrode in water + dimethylsulphoxide (DMSO), water + acetonitrile (AN) and water + hexamethylphosphortriamide (HMPT) mixtures (Maksymiuk et al.) 315
Europium,
electrochemical behavior of the———(III/II)–EDTA system on a mercury electrode in water + dimethylsulphoxide (DMSO), water + acetonitrile (AN) and water + hexamethylphosphortriamide (HMPT) mixtures (Maksymiuk et al.) 315

Ferri/ferrocyanide,
a search for conditions permitting model behaviour of the ——— system (Kawiak et al.) 305

Germanium,
anodic oxidation of heterogeneous ——— amalgam (Karpiński, Kublik) 331
Gold,
electrochemical study of the polycrystalline ——— electrode in dimethylsulphoxide (Jarząbek, Borkowska) 295
Gouy–Chapman–Stern–Grahame model,
application of the ——— of the electrical double layer to the determination of single ion activities of KF aqueous solutions (Grassi et al.) 341

Hexamethylphosphortriamide,
electrochemical behavior of the Eu(III/II)–EDTA system on a mercury electrode in water + dimethylsulphoxide (DMSO), water + acetonitrile (AN) and water + ——— (HMPT) mixtures (Maksymiuk et al.) 315
Hydrogen evolution,
effect of cobalt ions on the catalytic ——— at a mercury electrode (Review) (Mairanovskii) 51
Influence of surface crystallography on the rate of ——— at Pt electrodes (Seto et al.) 351

Ion activities,
application of the Gouy–Chapman–Stern–Grahame model of the electrical double layer to the determination of single ——— of KF aqueous solutions (Grassi et al.) 341
Ion transfer,
voltammetric study of ——— across the water/*o*-nitrophenyloctyl ether interface. Part I. Reversible process (Valent et al.) 21

Ketones,
polarographic reduction of aldehydes and ———. Part XXX. Effects of acid–base, hydration–dehydration and keto–enol equilibria on reduction of α-ketoglutaric and oxalacetic acid and their esters (Kozlowski, Zuman) 69

Lead,
voltammetric determination of Cu, Cd, Hg, ——— and Zn in cereals (Ługowska et al.) 263

Mercury,
effect of cobalt ions on the catalytic hydrogen evolution at a ——— electrode (Review) (Mairanovskii) 51
Voltammetric determination of Cu, Cd, ———, Pb and Zn in cereals (Ługowska et al.) 263
Mercury/solution interface,
solvent structure at the ——— in dimethylsulphoxide (Borkowska, Stafiej) 283
Mercury–water interface,
on the two modes of condensation displayed

by thiourea at the ——— (Buess-Herman et al.) 267

Nitrobenzenes,
electrochemical reduction of substituted ——— in *N*,*N*-dimethylformamide containing proton donating agents. Effect of the double layer on the basicity of the nitro group (Kwiatek, Kalinowski) 61

o-Nitrophenyloctyl ether,
voltammetric study of ion transfer across the water/——— interface. Part I. Reversible process (Valent et al.) 21

Nucleic acid,
photocurrents due to the capture of dry and hydrated electrons by ——— molecules. A preliminary report (Barker) 171

Ohmic-drop compensation,
square-wave amperometry with ——— (Jedral, Hulanicki) 147

Oxalacetic acid,
polarographic reduction of aldehydes and ketones. Part XXX. Effects of acid–base, hydration–dehydration and keto–enol equilibria on reduction of α-ketoglutaric and ——— and their esters (Kozlowski, Zuman) 69

Oxygen,
electrochemical method for the assessment of ——— consumption in biological objects with an uneven distribution of respiration centres (Šerák et al.) 193

Photocurrents,
——— due to the capture of dry and hydrated electrons by nucleic acid molecules. A preliminary report (Barker) 171

Platinum,
electrochemistry and spectroelectrochemistry of cytochrome *c* at a ——— electrode (Gui, Kuwana) 199
Influence of surface crystallography on the rate of hydrogen evolution at ——— electrodes (Seto et al.) 351

Potassium fluoride,
application of the Gouy–Chapman–Stern–Grahame model of the electrical double layer to the determination of single ion activities of ——— aqueous solutions (Grassi et al.) 341

Respiration centres,
electrochemical method for the assessment of oxygen consumption in biological objects with an uneven distribution of ——— (Šerák et al.) 193

Ruthenium,
effects of electrode surface pretreatments on the electrochemistry of a macrocyclic dioxoruthenium(VI) complex (Che et al.) 211

Solvent structure,
——— at the mercury/solution interface in dimethylsulphoxide (Borkowska, Stafiej) 283

Square-wave amperometry,
——— with *iR*-drop compensation (Jedral, Hulanicki) 147

Square-wave voltammetric peak current,
——— enhancements by adsorption and reversibility of the redox reaction (Lovrić, Branica) 239

Surface crystallography,
influence of ——— on the rate of hydrogen evolution at Pt electrodes (Seto et al.) 351

Surface pretreatments,
effects of electrode ——— on the electrochemistry of a macrocyclic dioxoruthenium(VI) complex (Che et al.) 211

Thiourea,
on the two modes of condensation displayed by ——— at the mercury–water interface (Buess-Herman et al.) 267

Tin(IV) *meso*-tetraanilinporphyrin,
electrochemical and photocatalytic properties of water-soluble ——— (Szulbiński et al.) 157

Trace metals,
——— speciation by ASV. Part VII. Interaction of zinc with Cl^-, NO_3^-, I^-, SO_4^{2-} and OH^- (Komorsky-Lovrić, Branica) 253
Voltammetric determination of Cu, Cd, Hg, Pb and Zn in cereals (Ługowska et al.) 263

Triphenylethene derivatives,
polarographic studies of drugs of ———. Part I. (Fijałek et al.) 129

Zinc,
trace metal speciation by ASV. Part VII. Interaction of ——— with Cl^-, NO_3^-, I^-, SO_4^{2-} and OH^- (Komorsky-Lovrić, Branica) 253
Voltammetric determination of Cu, Cd, Hg, Pb and ——— in cereals (Ługowska et al.) 263